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PRINTING AND PHOTOGRAPHY DIVISION  
WEEKLY REPORT FOR PERIOD OF  
6 February - 10 February 1986

I. Items or Events of Major Interest that have Occurred  
During the Preceding Week

*Yes* \* A. The Office of Logistics, Printing and Photography  
Division (OL/P&PD) completed printing production on all

*PD* Sunday, 9 February, 1986.

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B. As part of the Office of Logistics, Printing and  
Photography Division's (OL/P&PD) mission to stay abreast of  
modern technological developments that may impact printing  
and/or photographic production processes, a P&PD  
representative attended an Advanced Study Conference on the  
"Outlook for Compact and Video Disc Systems and  
Applications" held in Key Biscayne, Florida between 2 and 4  
February 1986. This conference proved to be an excellent  
companion to "Document-Based Optical Mass Memory Systems"  
held in Reston, Virginia in October 1985. Many advancements  
have been made in this field during the past several months.  
In particular, video images are of a much better quality  
than previously known under the United States National  
Television Standards Committee (NTSC) broadcast system.  
Also, manufacturers have come within reach of solving the  
problem of having separate equipment for graphics and text  
storage with the development of a hybrid disc player that  
accepts both Compact and Video Discs. The key to future  
technological development within the field was presented  
through the use of an integrated circuit that overcomes the  
problems associated with combining signals of various types  
to enable display on a high-resolution graphic terminal.  
The greatest area of growth that is foreseen in the Compact  
and Video Disc environment within the next five years is

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Electronic Demand Publishing (EDP); a methodology whereby publications, primarily forms, are created on remote laser printers rather than stocked at a depot. While it is still too early to tell how this might impact on P&PD's productivity, P&PD will monitor the field closely for any applications that may benefit P&PD.

NO C. Representatives of the Office of Logistics, Printing and Photography Division (OL/P&PD), conducted on-site observations of two types of new offset presses this reporting period for the possible replacement of the two 25-inch Miehle Favorite presses currently being used in P&PD. The two 25-inch Miehle Favorites are experiencing frequent breakdowns, and are not expected to continue to keep pace with the current workload. Although these presses have been in place for only five years, they have been operating three shifts per day, seven days a week. The P&PD representatives visited Printing Inc., of Hyattsville, Maryland, to observe a new 26-inch Komori offset press, and the National Photographic Interpretation Center (NPIC) where a new 28-inch Miehle offset press is in use. Additional visits to investigate other manufacturers of new offset presses are expected to take place before a final decision is made.

II. Significant Events Anticipated During the Coming Week

None.

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